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TI Manufacture of N-methylpyrrolidone

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AB N-Methylpyrrolidone is prepd. by reaction of .gamma.-butyrolactone with MeNH₂, followed by cyclization of the 4-hydroxy-N-methylbutyramide, in homogeneous liq. phase with a .gamma.-butyrolactone-MeNH₂-H₂O ratio of 1:1.22:2.1 at vol. velocity of 0.0075-0.085 h⁻¹, a pressure of 2x10⁴xN/m² at 40-50.degree. in the first stage and at 280-290.degree., pressure 9-10x10⁴xN/m² and vol. velocity 0.38-0.40 h⁻¹ in the second stage.

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DT Patent

LA Romanian